DS0-B Subrate Multiplexing Service (4015)

DS0-B Subrate Multiplexer (SRM) service provides time division multiplexing of multiple client digital derived data channels into a single standard interface for efficient interconnection to an ESP.

Generic Name of ONA Service	Product Name	BSE or CNS
DS0-B Subrate Multiplexing Service	BS - DS0-B Interface	BSE or CNS

FEATURE OPERATION:

Service is established via a service order placed by the ESP with the local operating company. Appropriate dedicated transport facilities (including local channel and applicable interoffice mileage elements) are also ordered for access to the SRM. The ESP negotiates and makes arrangements with its clients to connect their individual derived data channels to the SRM. These orders must be coordinated with the ESP in order to ensure adequate facilities are available and appropriate channel assignments, as specified by the ESP, are made.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This capability is independent of central office switch type.

2. The DS0-B SRM is interconnected to the ESP's client via an appropriate derived data channel service in the local serving office.

3. The ESP interconnects to the DS0-B SRM via an appropriate four-wire dedicated transport facility.

4. The DS0-B signal is a standard DDS signal as specified in Technical Advisory TA-TSY-00280.

References:

See BellSouth documents TR73548 "Derived Channel Access Service Digital Data Over Voice Network Interface Specifications", Issue 1 June 1990 and Addendum 1 March 1991.

This service, if offered as a BSE, is associated with the Dedicated Derived Channel BSA.

Ethernet Ports Over SONET (EPOS) (8065)

Ethernet Ports Over SONET (EPOS) is a protocol for the point-to-point transmission of data over customer-purchased SONET-based facilities (SST and SHNS). EPOS allows for Ethernet to Ethernet interfaces and Ethernet to 155 Mbps, 622 Mbps or 2.5 Gbps SONET interfaces. EPOS is available at port speeds of 10 Mbps, 100 Mbps or 1 Gbps. EPOS is available on an interstate basis - consult the appropriate Tariff Reference data to determine specific availability.

Generic Name of ONA Service	Product Name	BSE or CNS
Ethernet Ports Over SONET (EPOS)	Qwest – Ethernet Ports Over SONET (EPOS)*	BSE

* This service has been deemed non-dominant at the federal level in accordance with the Commission's Qwest Enterprise Forbearanec Order, which granted relief to Qwest from its obligationsunder *Computer Inquiry* rules in connection with its existing paeket-switched broadband telecommunications and existing optical transmission services. See In the Matter of Qwest Petition for Forbearance Under 47 U.S.C. § 160(c) from Title II and Computer Inquiry Rules with Respect to Broadband Serviees, Memorandum Opinion and Order, WC Docket No. 06125, FCC 08-168, released Aug. 5, 2008.

High Capacity Digital Hand-Off Service (3026)

High Capacity Digital Hand-Off Service carries voice grade local exchange and Channel Services between the customer's serving central office and the customer's compatible premises equipment using a DS1 facility with the D4 format. Up to 24 local exchange voice and Channel Services can be supported on the facility. The facility is handed-off to the customer in the D4 format.

Generic Name of ONA Service	Product Name	BSE or CNS
High Capacity Digital Hand-Off Service	BA - High Capacity Digital Hand-Off Service	BSE

FEATURE OPERATION:

At the time the service is ordered the customer must designate which services are to be carried on each of the 24 channels in the DS1 facility. Future additions and changes to channel assignments must becoordinated with the Telephone Company.

Where the serving central office is a digital switch, the facility may run from the customer's high capacity interface directly into the central office switch. Only DID trunks may be carried over this directly connected facility.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. The High Capacity Digital Hand-Off facility is a digital channel operating at a transmission speed of 1.544 Mbps. It is a simultaneous two-way transmission media using serial, bipolar, return-to-zero, isochronous, alternating mark inversion format.

2. 1000 Channel metallic services and Digital Data Service may not be transported over these facilities.

3. Reference: GR-54 DS1 High-Capacity Digital Service End User Metallic Interface Specifications, Issue 1, December 1995 (replaces TR-NPL-000054, Issue 1)

This service is a BSE associated with the Dedicated High Capacity Digital (1.544 Mbps) Basic Serving Arrangement in the local exchange tariff and an alternative of Line Side BSA in the aceess tariff.

Inband Signaling (3018)

Inband Signaling provides the ability to order analog voice grade Special Access circuits with signaling arrangements as described in TR-NWT-000335.

Generic Name of ONA Service	Product Name	BSE or CNS
Inband Signaling	BA - Inband Signaling	BSE

Reference:

- TR-NWT-000335 Voice Grade Special Access Service - Transmission Parameter Limits and Interface Combinations, Issue 3, May 1993
- MDP-326-584 - Table 4 Data Communications Using Voiceband Private Line Channels, Issue 1, October 1973 [no longer listed]

This service, if offered as a BSE, is associated with the Dedicated Voice Grade basic serving arrangement.

Multiplexing - Digital (2000,2001,2002,2018,3005,4007,5034,7034,8013)

Multiplexing is a technique that uses a single transmission facility to provide several transmission channels, such as by sharing the time slots of the channel (time-division multiplexing) or superimposing many frequencies at the same time (frequency-division multiplexing) in order that many signal sources and links may communicate during a given time period. This capability may include multiplexing such as:

— DS0 To Subrates - This capability provides for the time division multiplexing of multiple digital data signals operating at the subrate speeds of 2.4 Kbps, 4.8 Kbps, or 9.6 Kbps with a 64 Kbps DS0 digital signal.

— Multiplexing - DS1/Analog or DS0 - This capability provides for the pulse code modulation and/or time division multiplexing of multiple analog voice and/or multiple 64 Kbps DS0 digital signals into a 1.544 Mbps data stream for the purposes of reducing the number of transmission links required between two points.

— Multiplexing - DS1 To DS0 - This capability provides for the time division multiplexing of up to twenty-four 64 Kbps DS0 digital signals into a 1.544 Mbps DS1 digital signal.

— Multiplexing - DS1 To Voice Grade - This capability provides for the pulse code modulation and time division multiplexing of up to twenty-four 4 kHz voice grade channels into a 1.544 Mbps DS1 digital signal.

— Multiplexing - DS3/DS1 - This capability provides for the time division multiplexing of up to twenty-eight 1.544 Mbps DS1 digital signals into a 44.736 Mbps DS3 digital signal.

Generic Name of ONA Service	Product Name	BSE or CNS
Multiplexing - Digital	AM - Ameritech DS1 to DDS/DS0 Multiplexing	BSE
	AM - Ameritech DS1 to Voice/Ameritech Base Rate Multiplexing	BSE
	AM - Ameritech DS3 to Ameritech DS1 Multiplexing	BSE
	AM - DS0 To Subrate Multiplexing	BSE
	BA - Multiplexing	BSE
	BS - DS1/Analog or DS0 Multiplexer	BSE or CNS
	BS - DS3/DS1 Multiplexer	BSE or CNS
	NX - DS3/DS1 Multiplexer	BSE
	NX - Superpath 1.5	BSE
	SWB - Multiplexing	BSE
	Qwest - Multiplexing	BSE

References:

- TR-TSY-000009 Asynchronous Digital Multiplexes Requirements and Objectives, Issue 1, May 1986 (no longer listed).
- TR-TSY-000010 Synchronous DS3 Add-Drop Multiplex (ADM 3/X) Requirements and Objectives, Issue 1, February 1988.
- Ameritech - See GA-342 High Capacity Digital Special Access Service Transmission Parameter Limits and Interface Combinations, Issue 1, December 1995 (replaces TR-INA-000342, Issue 1)

This service, if offered as a BSE, is associated with the Dedicated Voice Grade and the Dedicated High Capacity basic serving arrangements.

For Ameritech, DS1 to DDS/DS0 and DS1 to Voice/Base Rate are associated with Dedicated High Capacity Digital (1.544 Mbps) type BSA; DS3 to DS1 is associated with Dedicated High Capacity Digital (>1.544 Mbps) type BSA.

DS3/DS1 multiplexer is associated with the Dedicated Digital 45 Mbps BSA.

User Initiated Diagnostics (4009)

This capability will allow ESPs to electronically report and check the status of local and access, circuit and line troubles into support systems. Customers may also receive hard copy printouts.

Generic Name of ONA Service	Product Name	BSE or CNS
User Initiated Diagnostics	BS - Administrative Management Service (AMS)	BSE or CNS

FEATURE OPERATION:

A new offering, currently using the BellSouth project nameof Administrative Management Service (AMS), will provide a mechanized interface for customers to access this service.

This service will be offered on a dial-up or dedicated basis. The ESPs will not have direct access to the Order Entry System, but will have access through the AMS front-end processor. The front-end processor will provide the necessary security and information screening.

References: not available.

This service, if offered as a BSE, is associated with the Access To Operations Support Systems Information BSE (which is associated with the Dedicated Digital (< 64 kbps) basic serving arrangement).

Versanet (8053)

Versanet is a derived channel transport service. Versanet is only available on an intrastate basis. Please refer to the appropriate Tariff Reference data for availability in any specific state.

Generic Name of ONA Service	Product Name	BSE or CNS
Versanet	Qwest - Versanet	CNS

References: Not available.

5. Appendix 1 - Region Specific Services - Technical Descriptions for Dedicated Network Access Link Serving Arrangements

Call Event and Management Signaling Service (CEMSS) (8063)

Call Event and Management Signaling Service (CEMSS) provides a mediated service interface between a customer-provided application platform and a telephone company gateway. CEMSS allows providers to send specific Internet Protocol (IP) messages through the Company gateway. The messages will be routed to the telephone company Advanced Intelligent Network (AIN) Service Control Point (SCP) for interaction with certain basic services associated with the subscriber local loop designated by the CEMSS customer. CEMSS may be used by service providers to obtain call event messages, perform call control functions and as a means to access and manage AIN service parameters associated with subscriber lines served from telephone company AIN-capable local switches.

Generic Name of ONA Service	Product Name	BSE or CNS
Call Event and Management Signaling Service (CEMSS)	Qwest – Call Event and Management Signaling Service (CEMSS)	BSE

Reference: not available.

CEMSS Subscriber (8064)

Call Event and Management Signaling Service (CEMSS) Subscriber is an Advanced Intelligent Network (AIN) based feature required for interaction with the CEMSS application. Two AIN triggers are provisioned on CEMSS Subscriber lines in the telephone company network to allow feature management and interaction via the AIN Service Control Point (SCP).

Generic Name of ONA Service	Product Name	BSE or CNS
Call Event and Management Signaling Service (CEMSS) Subscriber	Qwest – CEMSS Subscriber	CNS

Reference: not available.

Order Entry Service (8011)

This capability delivers to an ESP the ANI of callers to certain telephone numbers along with the called number. **The call is not delivered to the ESP.** The ANI and called number are forwarded by the telephone company via a private line data link. This capability currently supports cable television pay-per-view applications. The ANI identifies which client ordered the service and the called number indicates which service (television broadcast) was ordered.

Generic Name of ONA Service	Product Name	BSE or CNS
Order Entry Service	Qwest - ANI Order Entry Service	BSE

References: not available.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link basic serving arrangement.

Initial Address Message (2006)

Signaling System Seven (SS7) provides out of band transmission of SS7 protocol signaling information between the end office switching system or the tanlem office switching system and the customer's designated premises. The SS7 Signaling option requires the customer to purchase Signal Transfer Point Access and the Basic Initial Address Message Delivery option. This feature is available in SS7 signalingequipped end or tandem offices with Feature Group D and terminating Feature Group B.

The Initial Address Message provides the ESP a common switching optional feature using an SS7 message along with other information relating to the routing and handling of the call to the next switch.

The Initial Address Message Delivery option requires the customer to purchase Signal Point Access and SS7 Signaling option.

Generic Name of ONA Service	Product Name	BSE or CNS
Initial Address Message	AM - Initial Address Message	BSE

FEATURE OPERATION:

This Initial Address Message option permits the following optional SS7 signaling call setup parameters: User Service Information, Called Party Number, Calling Party Number, Charge Number, Originating Line Information, Transit Network Selection, Carrier Selection, Service Code and Access Transport.

User Service Information is an SS7 Parameter which may be coded to indicate any one of four circuit mode bearer points for addressing ISDN customer premises equipment.

The Called Party Number paramcter is the called directory number delivery.

Calling Party Number is available on a direct SS7 equipped end office connection or a connection to the access tandem when there is not Multifrequency and SS7 signaling interworking.

The Charge Number parameter is the Automatic Number Identification number (ANI). (See Calling Billing Number Delivery - FG D Protocol).

Originating Line Information parameter via SS7 is equivalent to the information digits provided with ANI digits to an interexchange carrier. This data identifies the following items: that (1) the originating telephone number is the station billing number, no special treatment is required, (2) it is a multiparty line- the telephone number is a four/eight-party line and cannot be identified - number must be obtained by operator or some other manner, (3) and ANI failure has occurred, (4) this is a hotel/motel originating call, (5) this is a coinless station, hospital, inmate, etc. call requiring special screening or handling, (6) the call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment (CPE).

Transit Network Selection is an SS7 parameter which indicates to an intermediate node or network which carrier and circuit group is to be selected.

Carrier Selection is an SS7 parameter which identifies whether the originating line is presubscribed to an interexchange carrier or not. If the line was presubscribed this parameter will report if the end user dialed 10XXX (and/or 101XXXX), did not dial 10XXX (and/or 101XXXX), or that no indication of dialing is available.

Service Code is an SS7 parameter which allows individual calls to be identified and routed based on specific serviee characteristics.

Access Transport is an SS7 parameter used to transport ISDN user information across the network. This information is transparent to the local exchange carrier.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	**1A ESS**	**5ESS**	**DMS-100**
Earliest Generic Release	1AE11	5E6	BCS30

2. References:

   - Ameritech Technical reference AM-TR-OAT-000069, Issue 3, August 1993 - Ameritech Supplement Common Channel Signaling (CCS) Network Interface Speeification.

   - Technical Reference GR-317 LSSGR: Switching System Generic Requirements for Call Control Using the Integrated Services Digital Network User Part (ISDNUP), Issue 7 - December 2003, Issue 8 - December 2004, Issue 9 – December 2005, Issue 10 – November 2007 (replaces GR-317, Issue 9).

   - Technical Reference GR-394 LSSGR: Switching System Generic Requirements for Interexchange Carrier Interconnection (ICI) Using the Integrated Services Digital Network User Part (ISDNUP), (module of LSSGR, FR-64), Issue 2, December 1997, Revision 1 – November 1998, Issue 3 – November 1999, Issue 4 – November 2000, Issue 5 – December 2001, Issue 6 – December 2002, Issue 7 – December 2003, Issue 8 – November 2007 (replaces GR-394, Issue 7).

   - Technical Reference GR-905 Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and ISDN User Part (ISDNUP), Issue 11, December 2008, (replaces GR-905, Issue 10).

This service, if offered as a BSE, is associated with the Dedicated Network Access Link BSA.

Coordinated Voice and Data Acceptance (2007)

Coordinated Voice and Data Acceptance allows for the simultaneous delivery of voice and data for incoming calls. Additional caller information may be requested to provide information to the agent line; however, this is determined by the host computer application. If the customer wants the capability of having the host computer send the customer information automatically to the agents' lines, then Caller ID must be ordered on the Automatic Call Distributor Centrex line.

Generic Name of ONA Service	Product Name	BSE or CNS
Coordinated Voice and Data Acceptance	AM - Coordinated Voice and Data Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Coordinated Voice and Data Acceptance feature accommodates, via the exchange of data messages on the DNAL, various feature interactions between the ESP's host computer and the telephone company. Features that may interact with a host computer using this feature include Computer Assisted Dialing Acceptance, Call Redirection Acceptance, and Computer Assisted Call Transfer Acceptance.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.

3. References:

   - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Computer Assisted Dialing Acceptance (2010)

Computer Assisted Dialing Acceptance allows the customer's host computer to notify the telephone company equipment to place a call to a selected number on behalf of a particular agent. The computer dials the number and when the call is answered then the called party is connected toan agent. Customers using this feature must comply with the provisions of the Telephone Consumer Protection Act of 1991 as set forth in Part 64 and Part 68 of the Federal Communication Commission's Rules.

Generic Name of ONA Service	Product Name	BSE or CNS
Computer Assisted Dialing Acceptance	AM - Computer Assisted Dialing Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Computer Assisted Dialing Acceptance feature accommodates, via the exchange of data messages on the DNAL, the dialing of the called number with presenting an answered call to the agent's telephone in conjunction with the agent's host computer presentation of customer or subject specific data to the agent's computer terminal. Only ealls receiving an answer condition will be presented to the agent.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS100 equipped with the Switch Computer Application Interface functionality.

3. References:

   - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Computer Assisted Call Transfer Acceptance (2009)

Computer Assisted Call Transfer Acceptance allows the customer's host computer to notify the telephone company equipment to transfer a call after the call has been delivered to an agent.

Generic Name of ONA Service	Product Name	BSE or CNS
Computer Assisted Call Transfer Acceptance	AM - Computer Assisted Call Transfer Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Computer Assisted Call Transfer Acceptance feature accommodates, via the exchange of data messages on the DNAL, the transferring of calls between agents. The calls may be transferred at any time during the interaction with the customer.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS100 equipped with the Switch Computer Application Interface functionality.

3. References:

   - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Call Redirection Acceptance (2008)

Call Redirection Acceptance allows the customer's host computer to notify the telephone company equipment to allow the call to complete as dialed or redirect an incoming call to an alternate number within the customer's Automatic Call Distributor (ACD) group prior to the call being accepted by an agent.

Generic Name of ONA Service	Product Name	BSE or CNS
Call Redirection Acceptance	AM - Call Redirection Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows simultaneous delivery of voice and data information for incoming and outgoing calls. The Call Redirection Acceptance feature interacts with the agent's host computer which may direct the telephone company equipment, via the exchange of data messages on the DNAL, to deliver an incoming call to an agent selected by the host computer. The host computer could have the capability to simultaneously deliver the calling party's personal data to the agent's computer terminal at the same time the call is delivered to the agent's telephone.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS100 equipped with the Switch Computer Application Interface functionality.

3. References:

   - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Premier Messaging Services Interface (PMSI) (5042)

Premier Messaging Services Interface (PMSI) is an optional enhancement to the Messaging Services Interface BSE. PMSI is similar to the Messaging Services Interface BSE, except that it utilizes the Signaling System 7 (SS7) Network to pass calling and called number information between central offices. With PMSI capability, the customer is not required to obtain a Voice Grade Dedicated Network Link to each Telephone Company central office switch where messaging capability is desired. With PMSI, the customer can provide messaging capability to all end users in a LATA area provided those end users reside in central offices that are interconnected via SS7 and are equipped with the required software.

Generic Name of ONA Service	Product Name	BSE or CNS
Premier Messaging Services Interface (PMSI)	NX – Premier Messaging Services Interface (PMSI)	BSE

References: not available

Signaling System 7 Message Waiting Indicator (SS7MWI) (3029, 5041)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service permits the customer to provide Signaling System 7 (SS7) Message Waiting Indicator (MWI) Transaction Capabilities Application Part (TCAP) messages to the Telephone Company for delivery to TelephoneCompany switches that serve suitably equipped lines of those end users who subscribe to the customer's voice messaging service. MWI TCAP messages are originated by the customer's equipment and addressed and delivered to a designated Telephone Company Signaling Transfer Point (STP) pair in the LATA in which the customer's subscribing end user receives service.

SS7MWI Signaling Service is offered only to provide signaling to Telephone Company switches within the LATA in which the signaling was handed offto the Telephone Company, and will be available only in LATAs where the Telephone Company has STPs available to accept SS7 messages associated with the service. A list of LATAs where the Telephone Company has STPs is available from the Telephone Company tariff. The customer must hand-off only those messages that are intended for end users served by capable Telephone Company switches in that LATA.

SS7MWI Signaling Service is not available in LATAs where the Telephone Company does not have STPs. In those LATAs, services utilizing a Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) can be used to communicate message waiting status to end users' lines.

Generic Name of ONA Service	Product Name	BSE or CNS
Signaling System 7 Message Waiting Indicator (SS7MWI)	BA – Signaling System 7 Message Waiting Indicator (SS7MWI)	BSE
	NX – Signaling System 7 Message Waiting Indicator (SS7MWI)	BSE

References: not available.

APPENDIX 2

January 31, 2010

Updated 1/31/10

APPENDIX 2: BOC ONA CONTACTS

Regional Company	Name Address	Phone
Ameritech Serviees, Inc. (AT&T)	ESP Hot Line	800-451-5283
Verizon (Bell Atlantic)	Jeffrey Pallone	518-426-5862 jeffrey.a.pallone@verizon.com
BellSouth Services (AT&T)	Ken Minzenberger	404-927-1397
Verizon (NYNEX)	Jeffrey Pallone	518-426-5862 jeffrey.a.pallone@verizon.com
Pacific Bell (AT&T)	ESP OUTREACH	1-800-300-6230
Southwestern Bell Telephone (AT&T)	Scott Murray AT&T 311 South Akard, Room 1940.01 Dallas, TX 75202-5398	214-858-2468 sm6259@att.com FAX 214-858-0639
Qwest	Qwest Interconnect Services	402-422-7689

APPENDIX 3

January 31, 2010

BSA MATRIX – JANUARY 2010

The following report shows the relationship between the Basic Serving Arrangements (BSAs) and the Basic Service Elements (BSEs) included in the ONA Services User Guide Service Description Section issued January 31, 2010. This report was created to respond to a request from the Information Industry Liaison Committee (IILC), documented in IILC Issue #035.

The first matrix is a summary of the first section of the ONA Services User Guide Service Descriptions Section. It lists the generic name for each BSA with each LEC's name for the BSA (if the LEC company is offering it).

The matrices that follow list each of the generic BSA names, with a table entry of "BSA" for each LEC offering it. Then the generic name of each ONA service available with that BSA is listed, with an entry of "BSE" for BSE or "BSA" if the LEC has indicated that the service is available with the BSA but not as a separate BSE option. These matrices do not include the Complementary Network Services (CNS) or any region specific services.

BSA NAMES & LEC BSA NAME REFERENCES

GENERIC NAME OF BSA	LEC BSA NAME
Category 1, Type A - Circuit Switched Line BSA	AM - Circuit Switched Line BA - Business Individual Line BA - Line Side BSA BA – Line Side BSA – FX BA – Line Side BSA - IC BS - Voice Grade - Line - Circuit Switched NX - Circuit Switched - Line PB - Access Line Arrangement SWB - Circuit Switched - Line Side Basic Serving Arrangement (BSA-A) Qwest - Voice Grade - Line - Circuit Switched
Category 1, Type B - Circuit Switched Trunk BSA	AM - Circuit Switched Trunk BA – Trunkside BSA BA - Trunkside BSA - 950 Option BA - Trunkside BSA - 10XXX Option BS - Circuit Switched Trunk - Voice Grade NX - Circuit Switched Trunk PB - Access Trunk Arrangement (950) PB - Access Trunk Arrangement (10XXX) SWB - Circuit Switched - Trunk Side Alternative B BSA (BSA-B) SWB - Circuit Switehed - Trunk Side Alternative D BSA (BSA-D) Qwest - Voice Grade - Trunk - Circuit Switched
Category 2, Type A - X.25 Packet Switched BSA	AM - Packet Switched Network Service (X.25) BA - Public Data Network: X.25 BS - PulseLink® Packet Switching - X.25 NX - INFOPATH® Packet Switching Service PB - Public Packet Switching (X.25) SWB - Packet Switched - MicroLink II℠ (X.25 Version) Qwest - Packet Switching (X.25)

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GENERIC NAME OF BSA	LEC BSA NAME
Category 2, Type B - X.75 Packet Switched BSA	AM - Packet Switched Network Service (X.75) BA - Public Data Network: X.75 BS - PulseLink® Packet Switching - X.75 NX - INFOPATH® Packet Switching Service PB - Public Packet Switching (X.75) SWB - Packet Switched - MicroLink II℠ (X.75 Version) Qwest - Packet Switching (X.75)
Category 3, Type A - Dedicated Metallic BSA	BA – Metallic Service NX – Metallic Service PB - Metallic Service SWB - Special Access - Metallic Qwest - Analog PLS - DCCS
Category 3, Type B - Dedicated Telegraph BSA	BA – Telegraph Grade Service NX – Telegraph Grade Service PB - Telegraph Grade Service Qwest - Analog PLS - LSDS
Category 3, Type C - Dedicated Voice Grade BSA	AM - Direct Analog BA - Dedicated Voice-Grade BA – Voice Grade Service BS - Dedicated - Private Line NX - Voice Grade Service PB - Voice Grade Service SWB - Special Access - Voice Grade Qwest - Analog PLS - VGS

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